IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

Claim 16 (Currently Amended): A denial-of-service attack detecting system for detecting a denial-of-service attack on a communication device, the denial-of-service attack detecting system comprising:

a monitoring device that monitors [[a]] each packet transmitted to [[a]] the communication device that is a target of the denial-of-service attack and includes a traffic abnormality detecting unit that detects traffic abnormality information indicating an abnormality of traffic based on packets transmitted to the communication device;

a performance measuring device that measures response performance of the communication device by sending a response request message and is separate from the communication device and the monitoring device, the performance measuring device including a performance abnormality detecting unit that detects performance abnormality information indicating an abnormality of throughput of the communication device; and

an attack determining device that is connected to and performs communication with the monitoring device and the performance measuring device, wherein

the monitoring device includes a traffic abnormality detecting unit that detects traffic abnormality information indicating an abnormality of traffic due to the packet with respect to the communication device,

the performance measuring device includes a performance abnormality detecting unit that detects performance abnormality information indicating an abnormality of throughput of the communication device, and

the attack determining device ~~includes~~ <u>including</u> an effects determining unit that

determines whether the communication device <u>has</u> received the denial-of-service attack,

~~based on~~ <u>using both</u> the traffic abnormality information and the performance abnormality

information<u>, and</u>

<u>the effects determining unit determining that the communication device has received</u>

<u>the denial-of-service attack, when it is determined that one of the traffic abnormality</u>

<u>information and the performance abnormality information causes an occurrence of one of the</u>

<u>traffic abnormality information and the performance abnormality information based on an</u>

<u>abnormality occurrence time included in the traffic abnormality information and the</u>

<u>performance abnormality information</u>.

Claim 17 (Previously Presented): The denial-of-service attack detecting system

according to claim 16, wherein

the monitoring device further includes a traffic-abnormality-information transmitting

unit that transmits the traffic abnormality information to the attack determining device.

Claim 18 (Previously Presented): The denial-of-service attack detecting system

according to claim 16, wherein

the performance measuring device further includes a performance-abnormality-

information transmitting unit that transmits the performance abnormality information to the

attack determining device.

Claim 19 (Previously Presented): The denial-of-service attack detecting system

according to claim 16, wherein

the traffic abnormality detecting unit detects the traffic abnormality information based

on a predetermined attack detection condition that is set in advance.

Claim 20 (Currently Amended): The denial-of-service attack detecting system

according to claim 19, wherein

the monitoring unit further includes a signature generating unit that generates a

signature indicating a feature of ~~the~~ a packet attacking the communication device, based on

the attack detection condition, and

the traffic abnormality information includes the signature.

Claim 21 (Currently Amended): The denial-of-service attack detecting system

according to claim 16, wherein

the traffic abnormality detecting unit detects the traffic abnormality information based

on a steady traffic indicating an average traffic of ~~the packet~~ packets transmitted to the

communication device.

Claim 22 (Previously Presented): The denial-of-service attack detecting system

according to claim 16, wherein

the performance abnormality detecting unit detects the performance abnormality

information based on a predetermined performance abnormality detection condition that is set

in advance.

Claim 23 (Currently Amended): The denial-of-service attack detecting system

according to claim 22, wherein

the performance abnormality detection condition includes

a response time from transmission of [[a]] the response request message to the

communication device to reception of a response message corresponding to the

response request message, and

number of times that the response time exceeds a predetermined threshold.

Claim 24 (Currently Amended): The denial-of-service attack detecting system

according to claim 16, wherein

the performance abnormality detecting unit detects the performance abnormality

information based on a steady response performance indicating an average response

performance feature of the communication device.

Claim 25 (Cancelled).

Claim 26 (Currently Amended): The denial-of-service attack detecting system

according to claim 16, wherein

when the effects determining unit determines that the communication device has

received the denial-of-service attack, the attack determining device transmits the traffic

abnormality information and the performance abnormality information used for the

determination to a device for reporting to an operator.

Claim 27 (Currently Amended): The denial-of-service attack detecting system

according to claim 16, wherein

each of the traffic abnormality information and the performance abnormality

information includes a certificate, and

the effects determining unit determines whether the communication device has

received the denial-of-service attack, after performing an authorization based on certificates.

Claim 28 (Currently Amended): A method of detecting a denial-of-service attack on

a communication device by using a monitoring device that monitors [[a]] each packet

transmitted to [[a]] the communication device that is a target of the denial-of-service attack, a

performance measuring device that measures response performance of the communication

device by sending a response request message and is separate from the communication device

and the monitoring device, and an attack determining device that is connected to and

performs communication with the monitoring device and the performance measuring device,

the method comprising:

traffic abnormality detecting a traffic abnormality using including the monitoring

device to detect detecting traffic abnormality information indicating an abnormality of traffic

due to the packet with respect based on packets transmitted to the communication device;

detecting performance abnormality information detecting including using the

performance measuring device to detect detecting performance abnormality information

indicating an abnormality of throughput of the communication device; and

effects determining effects including using the attack determining device to determine

determining whether the communication device has received the denial-of-service attack,

based on using both the traffic abnormality information and the performance abnormality

information, the determining including determining that the communication device has

received the denial-of-service attack, when it is determined that one of the traffic abnormality

information and the performance abnormality information causes an occurrence of one of the

traffic abnormality information and the performance abnormality information based on an

abnormality occurrence time included in the traffic abnormality information and the

performance abnormality information.

Claim 29 (Currently Amended): The method according to claim 28, further

comprising:

transmitting traffic abnormality information ~~transmitting including~~ using the

monitoring device ~~transmitting~~ to transmit the traffic abnormality information to the attack

determining device.

Claim 30 (Currently Amended): The method according to claim 28, further

comprising:

transmitting performance abnormality information ~~transmitting including~~ using the

performance measuring device ~~transmitting~~ to transmit the performance abnormality

information to the attack determining device.